

Title (en)

DEVICE AND METHOD FOR PRODUCING A CURVED MULTILAYERED PREFORM OF A FIBRE REINFORCED COMPOSITE PART

Title (de)

ANLAGE UND VERFAHREN ZUR HERSTELLUNG EINER GEKRÜMMTEN, MEHRLAGIGEN PREFORM AUS FASERN EINES FASERVERBUNDWERKSTOFFES

Title (fr)

DISPOSITIF ET PROCEDE DE PRODUCTION D'UNE PRÉFORME MULTICOUCHE COURBE D'UNE PIÈCE COMPOSITE RENFORCÉ PAR FIBRES

Publication

EP 3310544 A1 20180425 (DE)

Application

EP 16729262 A 20160615

Priority

- DE 102015109864 A 20150619
- EP 2016063738 W 20160615

Abstract (en)

[origin: WO2016202851A1] The invention relates to a system (1) and to a method for producing a curved, multi-layer preform (8) from fibers of a fiber composite material for the production of a fiber composite component, by means of a shearing device (2) for continuously shearing a fiber semi-finished product in order to form a specified curvature (11), wherein the system (1) has one or more fiber-laying heads (12a, 12b, 12c), which are designed to deposit additional fiber material (13) on the fiber semi-finished product surface of the fiber semi-finished product sheared by means of the shearing device (2).

IPC 8 full level

B29B 11/16 (2006.01); **B29C 70/22** (2006.01); **B29C 70/38** (2006.01); **B29C 70/50** (2006.01)

CPC (source: EP)

B29B 11/16 (2013.01); **B29C 70/38** (2013.01); **B29C 70/504** (2013.01)

Citation (search report)

See references of WO 2016202851A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102015109864 A1 20161222; **DE 102015109864 B4 20181018**; EP 3310544 A1 20180425; WO 2016202851 A1 20161222

DOCDB simple family (application)

DE 102015109864 A 20150619; EP 16729262 A 20160615; EP 2016063738 W 20160615